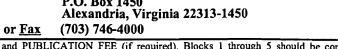
Complete and send this form, together wi

pplicable fee(s), to: Mail

Mail Stop ISS FEE
Commissioner Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450



								
anpropriate. All further cor	respondence including the le below or directed otherwise	Patent advance ord	lers and notifi	cation of maint	enance fees	ired). Blocks 1 through 5 will be mailed to the current; and/or (b) indicating a sep	correspondence address as	
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)					Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.			
27849 7590 04/19/2005 OIPE								
LEE, STERBA & MORSE, P.C.						rtificate of Mailing or Tran	emission	
1101 WILSON BOULEVARD JUL 1 8 200				I hereby	certify that the	nis Fee(s) Transmittal is beir	ig deposited with the United	
SUITE 2000			. ફું	addresse	d to the Ma	Il Stop ISSUE FEE address	ng deposited with the United rst class mail in an envelope above, or being facsimile date indicated below.	
ARLINGTON, VA	10 At 0	transmitt	ed to the USI	10 (703) 746-4000, on the	(Depositor's name)			
ARLINGTON, VA 22209 17/19/2005 MBEYENE2 00000056 10652027			ARI		_		(Signature)	
1 FC:1501 2 FC:1504	1400.00 OP 300.00 OP					(Date)		
APPLICATION NO.	FILING DATE	E	INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/652,027	09/02/2003		Kwon		249/405	1546		
TITLE OF INVENTION: SMALL AND OMNI-DIRECTIONAL BICONICAL ANTENNA FOR WIRELESS COMMUNICATIONS								
APPLN. TYPE	SMALL ENTITY	ISSUE FEE		PUBLICATION FEE		TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400		\$300)	\$1700	07/19/2005	
EXAMINER		ART UNIT		CLASS-SUB	CLASS	1		
A, MI	2821	2821 343-773000			.			
1. Change of correspondence address or indication of "Fee Address" (37 2. For printing on the patent front page, list								
CFR 1.363). Change of correspondence address (or Change of Correspondence			(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,					
Address form PTO/SB/122) attached.			(2) the name of a single firm (having as a member a 2					
"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer			registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is					
Number is required.	listed, no name will be printed.							
	RESIDENCE DATA TO B							
PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.								
(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)								
Samsung Electronics Co., Ltd. Kyungki-do, Republic of Korea								
Please check the appropriate assignee category or categories (will not be printed on the patent):								
The following fee(s) are enclosed: 4b. Payment of Fee(s):								
Issue Fee A check in the amount of the fee(s) is enclosed.								
D Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached.								
Advance Order - # of Copies The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number								
5. Change in Entity Status	(from status indicated above		Deposit Accou	int Number	01645	(enclose an extra o	copy of this form).	
	MALL ENTITY status. See 3	•	🗖 b. Applicar	nt is no longer cl	laiming SMA	LL ENTITY status. See 37 C	CFR 1.27(g)(2).	
The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.								
Authorized Signature	lun I. Min	P352	22		Date Ju	1y 18, 2005		
Typed or printed name Eugene M. Lee Registration No. 32,039								
This collection of information application. Confidential	n is required by 37 CFR 1.3 by is governed by 35 U.S.C.	11. The information 122 and 37 CFR 1	is required to	obtain or retain	a benefit by	the public which is to file (an	d by the USPTO to process)	

an application. Confidending is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.